

Application Project

<120> Title : Alpha-2B-Adrenergic Receptor Polymorphisms

<130> AppFileReference : 13105

<140> CurrentAppNumber :

<141> CurrentFilingDate : ____-____-____

Sequence

<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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CGCTCGCTGC GCGCCCCCTCA GAACCTGTTC CTGGTGTGCG TGGCCGCCGC CGACATCCTG 180
GTGGCCACGC TCATCATCCC TTTCTCGTGC GCCAACGAGC TGCTGGGCTA CTGGTACTTC 240
CGGCGCACGT GGTGCGAGGT GTACCTGGCG CTCGACGTGC TCTTCTGCAC CTCGTCCATC 300
GTGCACCTGT GCGCCATCAG CCTGGACCGC TACTGGGCGG TGAGCCGCGC GCTGGAGTAC 360
AACTCCAAGC GCACCCCGCG CCGCATCAAG TGCATCATCC TCACTGTGTG GCTCATCGCC 420
GCCGTCACTC CGTGCCTGCG CCTCATCTAC AAGGGCGACC AGGGCCCCCA GCCGCGCGGG 480
CGCCCCCAGT GCAAGCTCAA CCAGGAGGCC TGGTACATCC TGGCCTCCAG CATCGGATCT 540
TTCTTTGCTC CTTGCCTCAT CATGATCCTT GTCTACCTGC GCATCTACCT GATCGCCAAA 600
CGCAGCAACC GCAGAGGTCC CAGGGCCAAG GGGGGGCTG GGCAGGGTGA GTCCAAGCAG 660
CCCCGACCCG ACCATGGTGG GGCTTTGGCC TCAGCCAAAC TGCCAGCCCT GGCCTCTGTG 720
GCTTCTGCCA GAGAGGTCAA CGGACACTCG AAGTCCACTG GGGAGAAGGA GGAGGGGGAG 780
ACCCCTGAAG ATACTGGGAC CCGGGCCTTG CCACCCAGTT GGGCTGCCCT TCCCAACTCA 840
GGCCAGGGCC AGAAGGAGGG TGTTTGTGGG GCATCTCCAG AGGATGAAGC TGAAGAGGAG 900
GAAGAGGAGG AGGAGGAGGA GGAAGAGTGT GAACCCAGG CAGTGCCAGT GTCTCCGGCC 960
TCAGCTTGCA GCCCCCGCTC GCAGCAGCCA CAGGGCTCCC GGGTGTGGC CACCTACGT 1020
GGCCAGGTGC TCCTGGGCGA GGGCGTGGGT GCTATAGGTG GGCAGTGGTG GCGTCGAAGG 1080
GCGCAGCTGA CCCGGGAGAA GCGCTTCACC TTCGTGCTGG CTGTGGTCAT TGGCGTTTTT 1140
GTGCTCTGCT GGTTCCTTCTT CTTCTTCAGC TACAGCCTGG GCGCCATCTG CCCGAAGCAC 1200
TGCAAGGTGC CCCATGGCCT CTTCCAGTTC TTCTTCTGGA TCGGCTACTG CAACAGCTCA 1260
CTGAACCTTG TTATCTACAC CATCTTCAAC CAGGACTTCC GCCGTGCCTT CCGGAGGATC 1320
CTGTGCCGCG CGTGACCCA GACGGCCTGG TGA 1353

<212> Type : DNA

<211> Length : 1353

SequenceName : Sequence 1

SequenceDescription :

Custom Codon

Sequence Name : Sequence 1

Sequence

<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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CGCTCGCTGC GCGCCCCCTCA GAACCTGTTC CTGGTGTGCG TGGCCGCCGC CGACATCCTG 180
GTGGCCACGC TCATCATCCC TTTCTCGTGC GCCAACGAGC TGCTGGGCTA CTGGTACTTC 240
CGGCGCACGT GGTGCGAGGT GTACCTGGCG CTCGACGTGC TCTTCTGCAC CTCGTCCATC 300
GTGCACCTGT GCGCCATCAG CCTGGACCGC TACTGGGCGG TGAGCCGCGC GCTGGAGTAC 360
AACTCCAAGC GCACCCCGCG CCGCATCAAG TGCATCATCC TCACTGTGTG GCTCATCGCC 420
GCCGTCACTC CGTGCCTGCG CCTCATCTAC AAGGGCGACC AGGGCCCCCA GCCGCGCGGG 480
CGCCCCCAGT GCAAGCTCAA CCAGGAGGCC TGGTACATCC TGGCCTCCAG CATCGGATCT 540
TTCTTTGCTC CTTGCCTCAT CATGATCCTT GTCTACCTGC GCATCTACCT GATCGCCAAA 600
CGCAGCAACC GCAGAGGTCC CAGGGCCAAG GGGGGGCTG GGCAGGGTGA GTCCAAGCAG 660
CCCCGACCCG ACCATGGTGG GGCTTTGGCC TCAGCCAAAC TGCCAGCCCT GGCCTCTGTG 720
GCTTCTGCCA GAGAGGTCAA CGGACACTCG AAGTCCACTG GGGAGAAGGA GGAGGGGGAG 780
ACCCCTGAAG ATACTGGGAC CCGGGCCTTG CCACCCAGTT GGGCTGCCCT TCCCAACTCA 840
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GAGGAGGAGG AGGAAGAGTG TGAACCCAG GCAGTGCCAG TGTCTCCGGC CTCAGCTTGC 960
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CTCCTGGGCA GGGGCGTGGG TGCTATAGGT GGGCAGTGGT GGCCTCGAAG GGCAGCTG 1080
ACCCGGAAGA AGCGCTTCAC CTTCTGCTG GCTGTGGTCA TTGGCGTTTT TGTGCTCTGC 1140
TGGTTCCCTG TCTTCTTCAG CTACAGCCTG GCGCCATCT GCGGAGGATG CTGCAAGGTG 1200
CCCCATGGCC TCTTCCAGTT CTTCTTCTG ATCGGCTACT GCAACAGCTC ACTGAACCCT 1260
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1344

<212> Type : DNA

<211> Length : 1344

SequenceName : Sequence 2

SequenceDescription :

Custom Codon

Sequence Name : Sequence 2

Sequence

<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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9

<212> Type : DNA

<211> Length : 9

SequenceName : Sequence 3

SequenceDescription :

Custom Codon

Sequence Name : Sequence 3

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<213> OrganismName : Homo sapiens

<400> PreSequenceString :

GAGGAGGAG

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<212> Type : DNA

<211> Length : 9

SequenceName : Sequence 4

SequenceDescription :

Custom Codon

Sequence Name : Sequence 4

Sequence

<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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<212> Type : DNA

<211> Length : 9

SequenceName : Sequence 5

SequenceDescription :

Custom Codon

Sequence Name : Sequence 5

Sequence

<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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<212> Type : DNA

<211> Length : 9

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SequenceDescription :

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Sequence Name : Sequence 6

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<213> OrganismName : Homo sapiens

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NSKRTPRRIK CIILTVWLIA AVISLPPLIY KGDQGPQPRG RPQCKLNQEA WYILASSIGS 180
FFAPCLIMIL VYLRIYLIK RSNRRGPRAK GGPQGQESKQ PRPDHGGALA SAKLPALASV 240
ASAREVNGHS KSTGEKEEGE TPEDTGTRAL PPSWAALPNS GQGQKEGVCG ASPEDEAEAE 300
EEEEEEEEEC EPOAVPVSPA SACSPPLQOP QGSRVLATLR GQVLLGRGVG AIGGQWRRRR 360
AQLTREKRFT FVLAVVIGVF VLCWFPEFFS YSLGAICPKH CKVPHGLFQF FFWIGYCNS 420
LNPVIYTIFN QDFRRAFRRR LCRPWTOTAW 450

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<212> Type : PRT
<211> Length : 450
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SequenceDescription :

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Sequence

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<213> OrganismName : Homo sapiens
<400> PreSequenceString :
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VATLIIPFSL ANELLGYWYF RRTWCEVYLA LDVLFCTSSI VHLCAISLDR YWAVSRALEY 120
NSKRTPRRIK CIILTVWLIA AVISLPPLIY KGDQGPQPRG RPQCKLNQEA WYILASSIGS 180
FFAPCLIMIL VYLRIYLIK RSNRRGPRAK GGPQGQESKQ PRPDHGGALA SAKLPALASV 240
ASAREVNGHS KSTGEKEEGE TPEDTGTRAL PPSWAALPNS GQGQKEGVCG ASPEDEAEAE 300
EEEEEECEPQ AVPVSPASAC SPPLQQPQGS RVLATLRGQV LLGRGVGAIG GQWRRRAQL 360
TREKRFTFVL AVVIGVFVLC WFPFFFSYSL GAICPKHCKV PHGLFQFFFW IGYCNSSLNP 420
VIYTIFNQDF RRAFRILCLR PWTQTAW 447

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<212> Type : PRT
<211> Length : 447
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SequenceDescription :

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Sequence

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<213> OrganismName : Homo sapiens
<400> PreSequenceString :
EDEAEAEAEAE EEEEE 16
<212> Type : PRT
<211> Length : 16
SequenceName : Sequence 9
SequenceDescription :

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Sequence

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<213> OrganismName : Homo sapiens
<400> PreSequenceString :
EDEAEAEAEAE EEE 13
<212> Type : PRT
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SequenceDescription :

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Sequence

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<213> OrganismName : Homo sapiens
<400> PreSequenceString :
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<212> Type : PRT
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SequenceDescription :

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Sequence

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<213> OrganismName : Homo sapiens
<400> PreSequenceString :
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<212> Type : PRT
<211> Length : 3
SequenceName : Sequence 12

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SequenceDescription :

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 <213> OrganismName : Homo sapiens
 <400> PreSequenceString :
 GCTCATCATC CCTTTCTCGC T
 <212> Type : DNA
 <211> Length : 21
 SequenceName : Sequence 13
 SequenceDescription :

21

Custom Codon

 Sequence Name : Sequence 13

Sequence

 <213> OrganismName : Homo sapiens
 <400> PreSequenceString :
 AAAGCCCCAC CATGGTCGGG T
 <212> Type : DNA
 <211> Length : 21
 SequenceName : Sequence 14
 SequenceDescription :

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Custom Codon

 Sequence Name : Sequence 14

Sequence

 <213> OrganismName : Homo sapiens
 <400> PreSequenceString :
 CTGATCGCCA AACGAGCAAC
 <212> Type : DNA
 <211> Length : 20
 SequenceName : Sequence 15
 SequenceDescription :

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Custom Codon

 Sequence Name : Sequence 15

Sequence

 <213> OrganismName : Homo sapiens
 <400> PreSequenceString :
 AAAAACGCCA ATGACCACAG
 <212> Type : DNA
 <211> Length : 20
 SequenceName : Sequence 16
 SequenceDescription :

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Custom Codon

 Sequence Name : Sequence 16

Sequence

 <213> OrganismName : Homo sapiens
 <400> PreSequenceString :
 TGTAAAACGA CGGCCAGT
 <212> Type : DNA
 <211> Length : 18
 SequenceName : Sequence 17
 SequenceDescription :

18

Custom Codon

Sequence Name : Sequence 17

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
CAGGAAACAG CTATGACC
<212> Type : DNA
<211> Length : 18
SequenceName : Sequence 18
SequenceDescription :

18

Custom Codon

Sequence Name : Sequence 18

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
AGAAGGAGGG TGTGTGTGGG G
<212> Type : DNA
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SequenceName : Sequence 19
SequenceDescription :

21

Custom Codon

Sequence Name : Sequence 19

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
ACCTATAGCA CCCACGCCCC T
<212> Type : DNA
<211> Length : 21
SequenceName : Sequence 20
SequenceDescription :

21

Custom Codon

Sequence Name : Sequence 20

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
GGCCGACGCT CTTGTCTAGC C
<212> Type : DNA
<211> Length : 21
SequenceName : Sequence 21
SequenceDescription :

21

Custom Codon

Sequence Name : Sequence 21

Sequence

<213> OrganismName : Homo sapiens
<400> PreSequenceString :
CAAGGGGTTT CTAAGATGAG
<212> Type : DNA
<211> Length : 20
SequenceName : Sequence 22
SequenceDescription :

20

sequences.WorkFile

Custom Codon

Sequence Name : Sequence 22

Sequence 22